

Antenna System New Site Build

- NEW LTE ANTENNAS & EQUIPMENT
- IMPROVE QUALITY OF SERVICE



AT&T MOBILITY

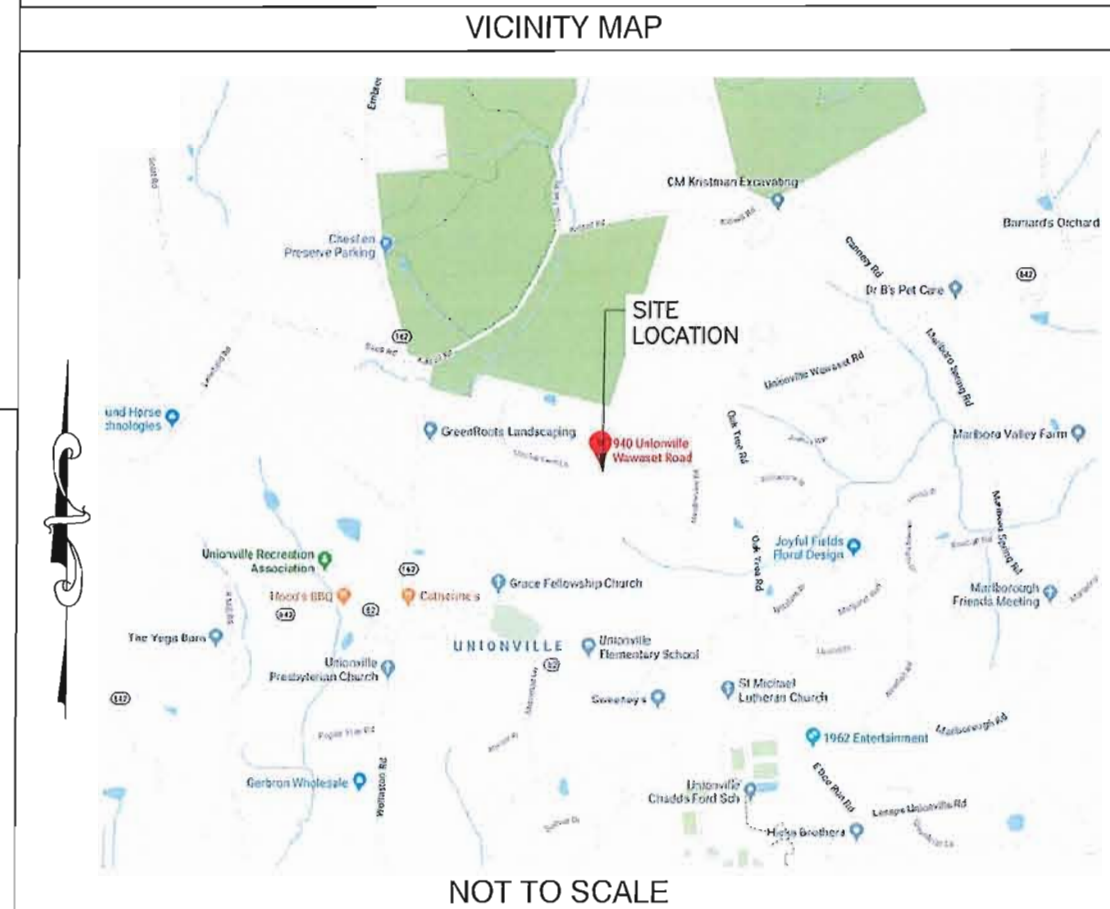
SITE NUMBER: PAL01345 / PTN #: 2201A0DB24
SITE NAME: UNIONVILLE PA - FA# 10141548

SHEET	DRAWING INDEX	REV	DATE
T1	TITLE SHEET	4	03/04/21
N1	TAX & ZONING MAP	4	03/04/21
N2	EXISTING FEATURES PLAN	4	03/04/21
1 OF 1	EXISTING CONDITION PLAN (BY OTHERS)	B	12/04/18
Z1	OVERALL SITE PLAN	4	03/04/21
Z2	ENLARGED SITE PLAN	4	03/04/21
Z3	SITE ELEVATION & COMPOUND PLAN	4	03/04/21
Z4	EQUIPMENT & GENERATOR ELEVATIONS & PLAN	4	03/04/21
Z5	ANTENNA, ICE BRIDGE & FENCE DETAILS	4	03/04/21

DIRECTIONS:
FROM KING OF PRUSSIA AT&T OFFICE: START OUT HEADING SOUTH (LEFT OUT OF PARKING LOT) ON N WARNER RD. ROAD NAME CHANGES TO SWEDSFORD ROAD/ W DEKALB PIKE. ROAD NAME CHANGES TO E SWEDSFORD ROAD. TAKE RAMP LEFT FOR US-202 SOUTH. TAKE RAMP RIGHT & FOLLOW SIGNS FOR PAOLI PIKE. TURN RIGHT ONTO PAOLI PIKE. BEAR RIGHT ONTO PA-3 W/ E GAY STREET. TURN LEFT ONTO US-322 W BR/ N HIGH STREET. ROAD NAME CHANGES TO US-322 BR/ S HIGH STREET. TURN RIGHT ONTO PA-842 W/ W MINER STREET. KEEP LEFT TO STAY ON PA-842/ S CREEK ROAD. TURN RIGHT TO STAY ON PA-842 / S S BRIDGE ROAD. FOLLOW FOR APPROX. 5.0 MILES. SITE ACCESS DRIVE WILL BE ON YOUR RIGHT. FOLLOW BACK TO SITE.

SCOPE OF WORK: INSTALLATION OF A NEW 120' MONOPOLE AND NEW AT&T WALK IN CABINET & GENERATOR MOUNTED ON CONCRETE PAD. INSTALLATION OF (6) ANTENNAS & (9) RRH'S ON A PROPOSED MONOPOLE. ALL LOCATED WITHIN A PROPOSED 60' x 60' FENCED COMPOUND

SITE ADDRESS: 940 UNIONVILLE WAWASET ROAD
KENNETT SQUARE, PA. 19348



OWNER: SAMUEL & GEORGE P JR WICKERSHAM
940 MARLBORO SPRING ROAD
KENNETT SQUARE, PA. 19348-1013

APPLICANT: AT&T MOBILITY
200 NORTH WARNER ROAD
KING OF PRUSSIA, PA 19406

LATITUDE (NAD 83): N39° 54' 11.94" (39.903317°)
LONGITUDE (NAD 83): W75° 43' 17.07" (-75.721408°)

CURRENT USE: AGRICULTURAL
PROPOSED USE: TELECOMMUNICATIONS FACILITY

ZONING CLASSIFICATION: FRD-FLEXIBLE RURAL DEVELOPMENT DISTRICT

TAX ID. NO.: #4905 00160000

JURISDICTION: NEWLIN TOWNSHIP
COUNTY: CHESTER COUNTY

REVIEWED BY:

at&t OPERATIONS _____ DATE _____

VELOCITEL LLC _____ DATE _____

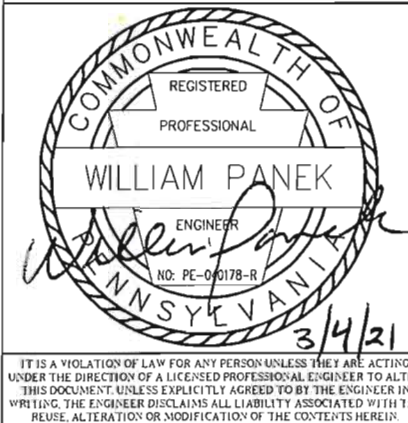
APPROVED BY:

OWNER _____ DATE _____

JURISDICTION _____ DATE _____

SITE QUALIFICATION PARTICIPANTS

	NAME	COMPANY	NUMBER
A/E	DAVID KENYON	VELOCITEL LLC	(610) 992-4101
SAC	WILLIAM LEONARD	VELOCITEL LLC	(610) 992-4101
CM	JASON GALLOWAY	VELOCITEL LLC	(610) 992-4101
PM	JAIME VILLALBA	AT&T	(610) 316-4003



QUALTEK WIRELESS
200 NORTH WARNER ROAD
SUITE #215
KING OF PRUSSIA, PA 19406
610-992-4101 (MAIN)
610-992-4109 (FAX)

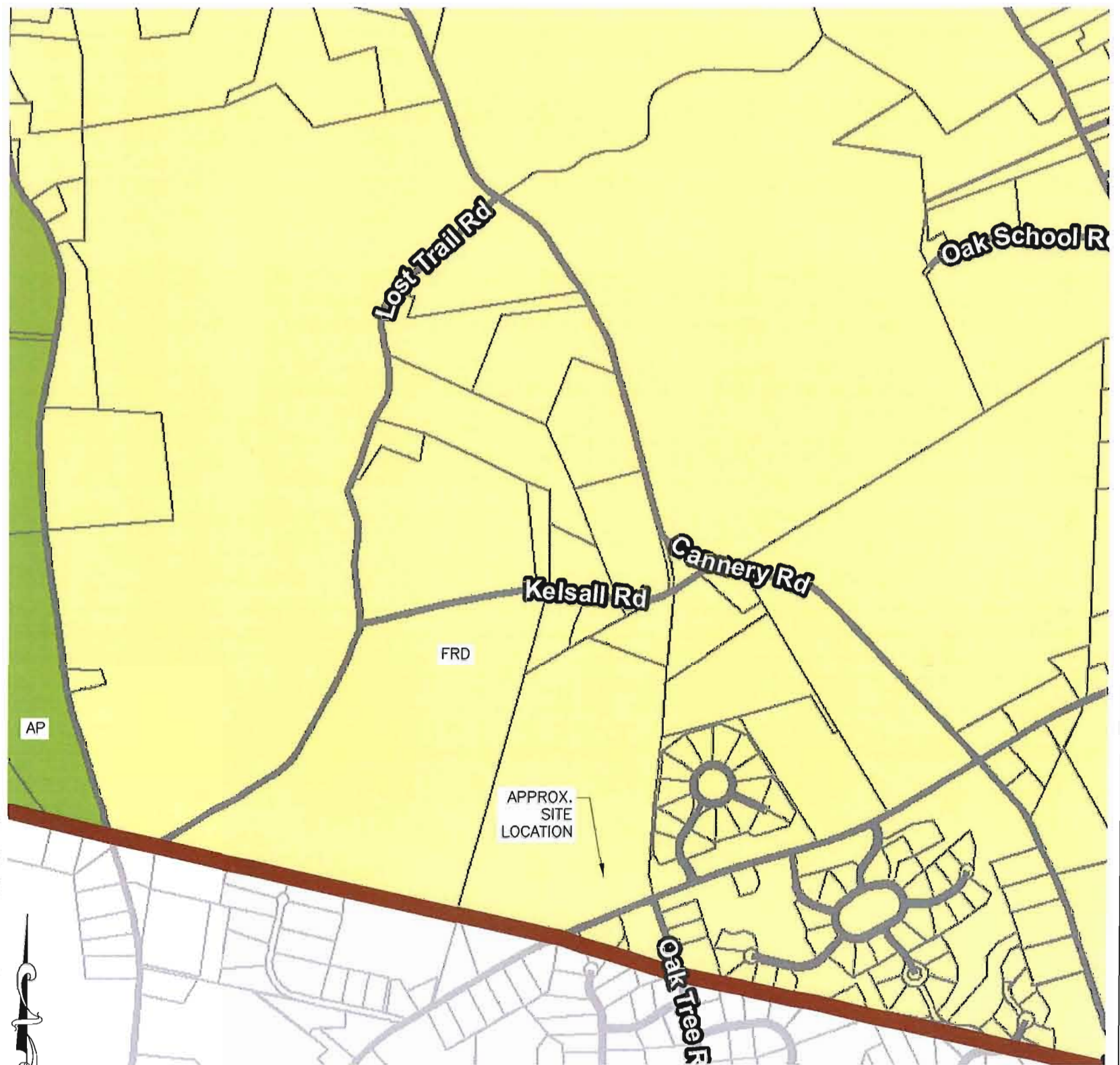
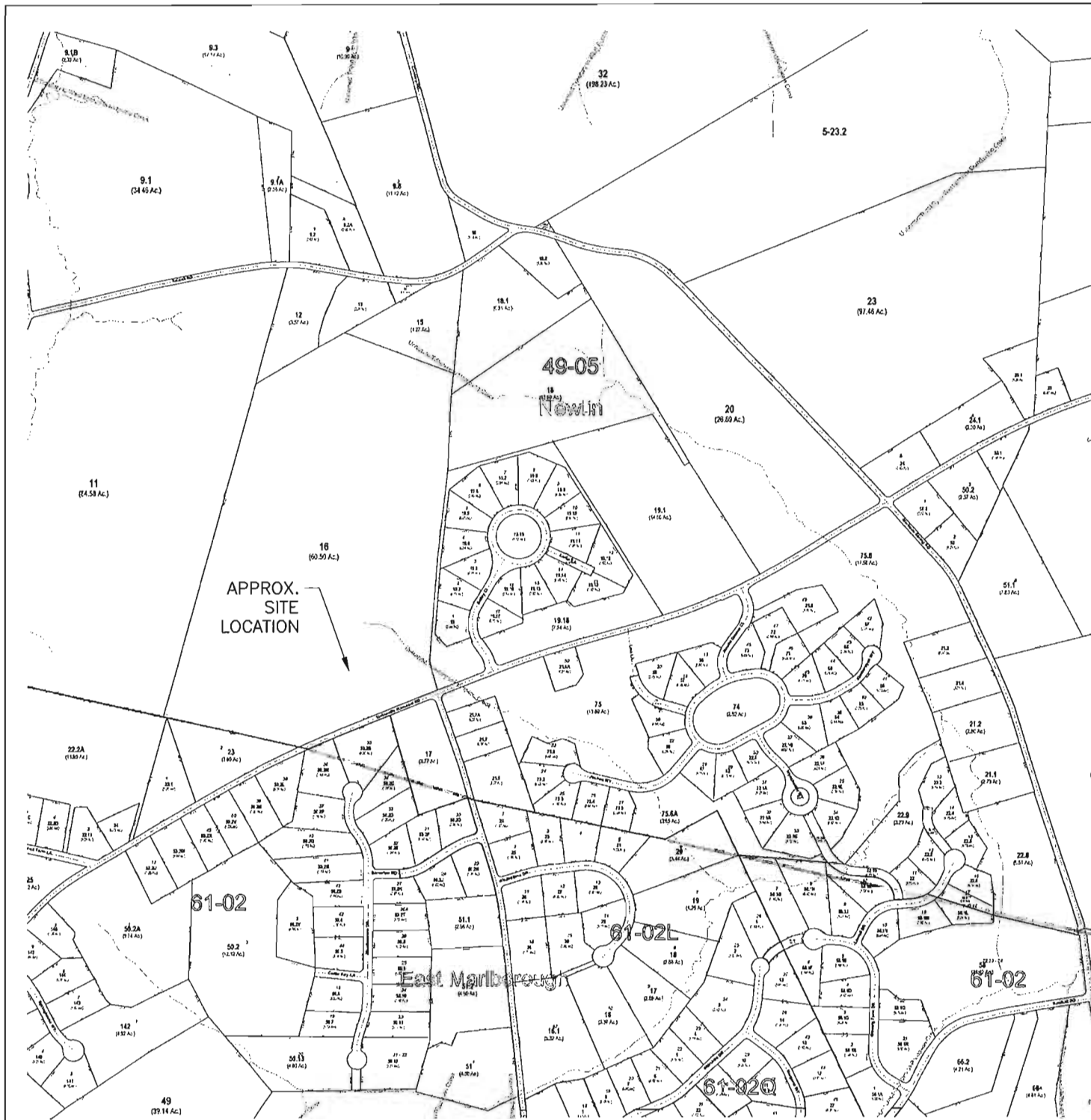
at&t MOBILITY
200 NORTH WARNER ROAD
KING OF PRUSSIA, PA 19406

SITE NO. PAL01345
UNIONVILLE PA
FA# 10141548
940 UNIONVILLE WAWASET ROAD
KENNETT SQUARE, PA. 19348

NO	DATE	REVISIONS	BY	CHK	APP'D
4	03/04/21	ISSUED FOR ZONING	DK	-	BP
3	12/03/20	ISSUED FOR ZONING	DMT	DK	BP
2	11/23/20	ISSUED FOR ZONING	DMT	DK	BP
1	07/16/20	ISSUED FOR ZONING	DMT	DK	BP
0	02/27/20	ISSUED FOR ZONING	DMT	DK	BP

TITLE SHEET

SCALE:	DESIGNED:	CHECKED:	FA #	DRAWING NUMBER	REV
		-	10141548	T1	4



WILLIAM PANEK
 REGISTERED PROFESSIONAL ENGINEER
 PENNSYLVANIA
 NO. PE-040178-R
 3/4/21

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TAX MAP

-800' 0 800'
 1" = 800' (11x17)
 1" = 400' (24 x 36)

-1000' 0 1000'
 1" = 1000' (11x17)
 1" = 500' (24 x 36)

CALLED NORTH

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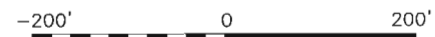
TAX & ZONING MAP

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10141548	N1	4

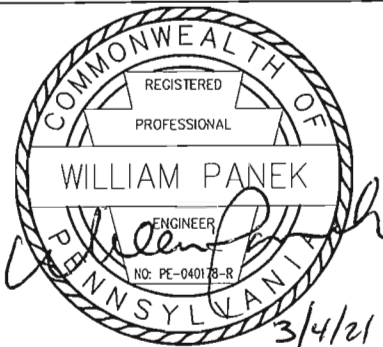


CALLED NORTH

EXISTING FEATURES PLAN



1" = 200' (11x17)
1" = 100' (24 x 36)



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KING OF PRUSSIA, PA 19406

SITE NO. PAL01345
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FA# 10141548

940 UNIONVILLE WAWASET ROAD
KENNETT SQUARE, PA. 19348

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0	02/27/20	ISSUED FOR ZONING	DMT	DK	BP

EXISTING FEATURES PLAN

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		-	10141548	N2	4

ZONING NOTES:

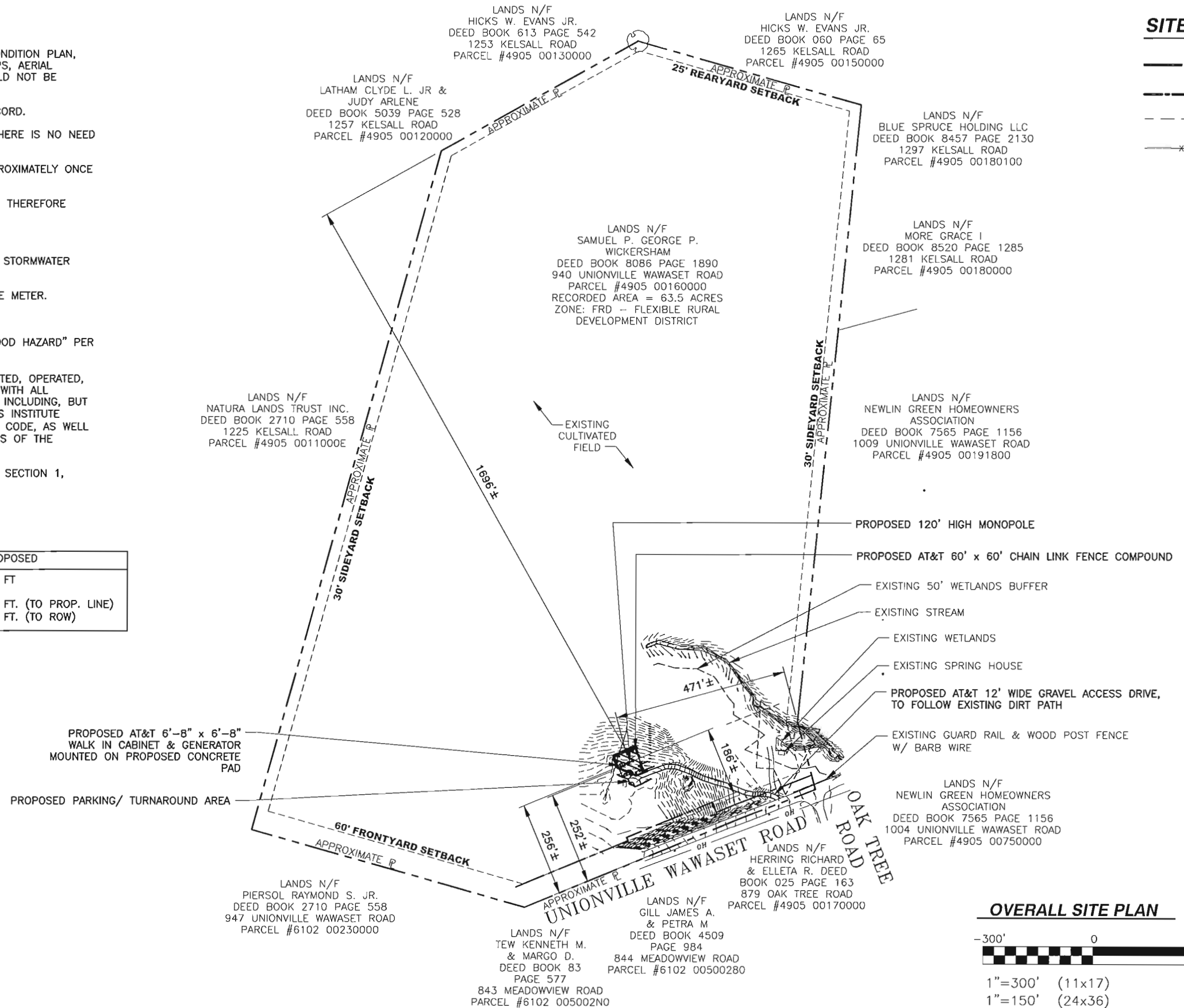
1. PROPERTY LINE WAS PREPARED USING A SURVEY ENTITLED EXISTING CONDITION PLAN, PREPARED BY GILMORE & ASSOCIATES INC. DATED 12-04-19, TAX MAPS, AERIAL PHOTOGRAPHS AND SITE MEASUREMENTS BY VELOCITEL LLC, AND SHOULD NOT BE CONSIDERED AN ACCURATE BOUNDARY SURVEY.
2. THIS PLANS IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
3. THE PROPOSED FACILITY IS NOT FOR HUMAN HABITATION, THEREFORE THERE IS NO NEED FOR POTABLE WATER, SANITARY SEWER SERVICE OR HANDICAP ACCESS.
4. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE BY TECHNICANS APPROXIMATELY ONCE A MONTH.
5. THE FACILITY IS NOT INTENDED FOR PERMENANT EMPLOYEE OCCUPANCY, THEREFORE ADDITIONAL PARKING IS NOT REQUIRED.
6. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY.
7. THE PROPOSED FACILITY WILL CAUSE ONLY A DE MINIMUS INCREASE IN STORMWATER RUN OFF, THEREFORE; NO DRAINAGE STRUCTURES ARE PROPOSED.
8. POWER TO THE PROPOSED FACILITY WILL BE MONITORED BY A SEPARATE METER.
9. NO DEBRIS SHALL BE BURIED ON SITE.
10. THE PROPOSED FACILITY IS LOCATED IN ZONE X "AREA OF MINIMAL FLOOD HAZARD" PER F.I.R.M. MAP #42029C0250G, DATED 09/29/2017.
11. ALL STRUCTURES AND APPURTENANCES SHALL BE DESIGNED, CONSTRUCTED, OPERATED, MAINTAINED, REPAIRED, MODIFIED AND REMOVED IN STRICT COMPLIANCE WITH ALL CURRENT APPLICABLE TECHNICAL, SAFETY AND SAFETY-RELATED CODES, INCLUDING, BUT NOT LIMITED TO, EIA/TIA 222-G OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) CODE, NATIONAL ELECTRICAL SAFETY CODE, NATIONAL ELECTRICAL CODE, AS WELL AS THE ACCEPTED AND RESPONSIBLE WORKMANLIKE INDUSTRY PRACTICES OF THE NATIONAL ASSOCIATION OF TOWER ERECTORS.
12. LEGAL RIGHT-OF-WAY FROM PENNDOT HIGHWAY PLAN FOR ROUTE 413, SECTION 1, CHESTER COUNTY, PENNSYLVANIA, STATION 0+10 TO STATION 177+00, DATED NOVEMBER 21, 1960.

ZONING BULK TABLE

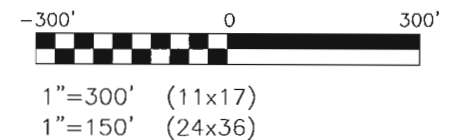
SECTION 508 - WIRELESS COMMUNICATIONS FACILITIES	REQUIRED	PROPOSED
MAX. TOWER HEIGHT	120 FT	120 FT
MIN. TOWER SETBACK (110% OF TOWER HEIGHT)	132 FT.	256 FT. (TO PROP. LINE) 186 FT. (TO ROW)

SITE LEGEND

- PROPERTY LINE
- ROW LINE
- SETBACK LINE
- x---x---x--- FENCE LINE



OVERALL SITE PLAN



REGISTERED PROFESSIONAL ENGINEER
WILLIAM PANEK
NO. PE-040178-R
3/4/21



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SUITE #215
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610-992-4101 (MAIN)
610-992-4109 (FAX)



200 NORTH WARNER ROAD
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SITE NO. PAL01345
UNIONVILLE PA
FA# 10141548

940 UNIONVILLE WAWASET ROAD
KENNETT SQUARE, PA. 19348

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SCALE:			DESIGNED:	CHECKED: -	

OVERALL SITE PLAN

FA #	DRAWING NUMBER	REV
10141548	Z1	4

SITE LEGEND

- — — — — PROPERTY LINE
- — — — — ROW LINE
- - - - - SETBACK LINE
- x x x x x FENCE LINE

LANDS N/F
SAMUEL P. GEORGE P.
WICKERSHAM
DEED BOOK 8086 PAGE 1890
940 UNIONVILLE WAWASET ROAD
PARCEL #4905 00160000
RECORDED AREA = 63.5 ACRES
ZONE: FRD - FLEXIBLE RURAL
DEVELOPMENT DISTRICT

EXISTING CULTIVATED FIELD

370'± POLE TO STREAM
340'± COMPOUND TO STREAM

363'± TO WETLANDS
369'± FROM COMPOUND TO SPRING HOUSE
407'± FROM POLE TO SPRING HOUSE

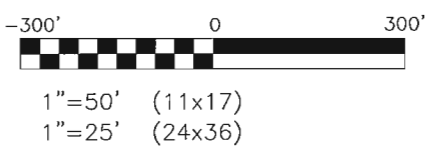
EXISTING 50' STREAM BUFFER
EXISTING STREAM
EXISTING WETLANDS
EXISTING SPRING HOUSE
EXISTING 50' WETLANDS BUFFER

PROPOSED AT&T 60' x 60' CHAIN LINK FENCE COMPOUND
PROPOSED 120' HIGH MONOPOLE
PROPOSED AT&T 6'-8" x 6'-8" WALK IN CABINET & GENERATOR MOUNTED ON PROPOSED CONCRETE PAD
PROPOSED PARKING/ TURNAROUND AREA

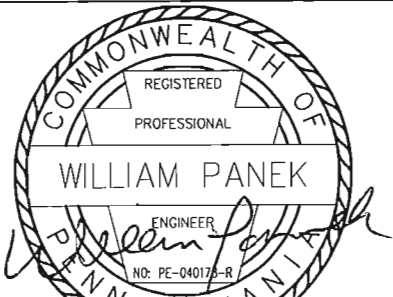
EXISTING ROW LINE PER PENNDOT HIGHWAY PLAN
EXISTING GUARD RAIL & WOOD POST FENCE W/ BARB WIRE

PROPOSED AT&T 12' WIDE GRAVEL ACCESS DRIVE, TO FOLLOW EXISTING DIRT PATH

PARTIAL SITE PLAN



UNIONVILLE WAWASET ROAD
OAK TREE ROAD



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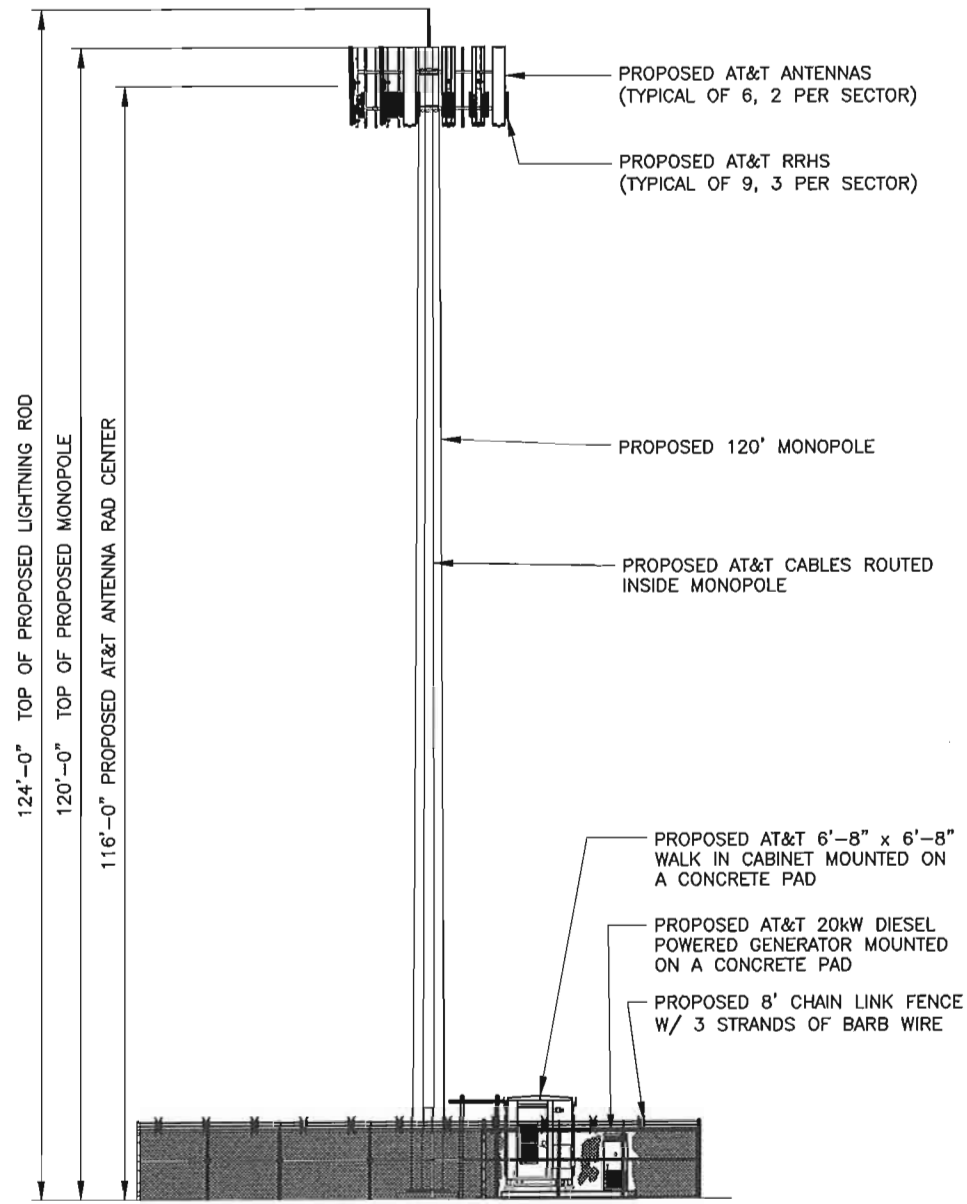
SITE NO. PAL01345
UNIONVILLE PA
FA# 10141548

940 UNIONVILLE WAWASET ROAD
KENNETT SQUARE, PA. 19348

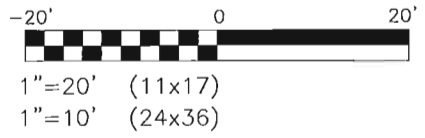
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ENLARGED SITE PLAN

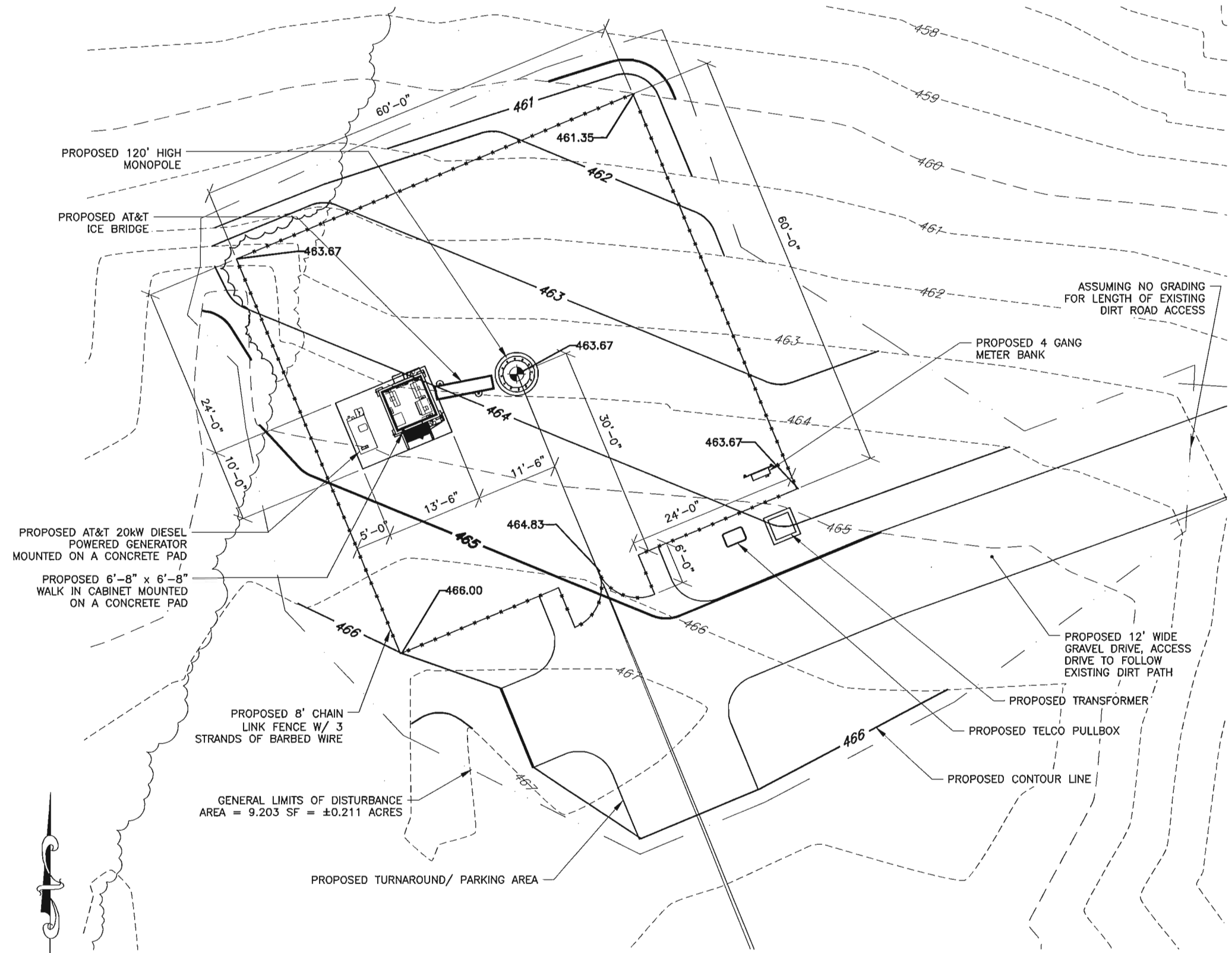
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		-	10141548	22	4



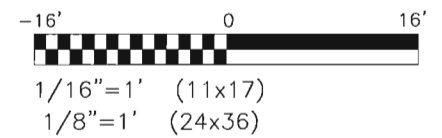
SITE ELEVATION



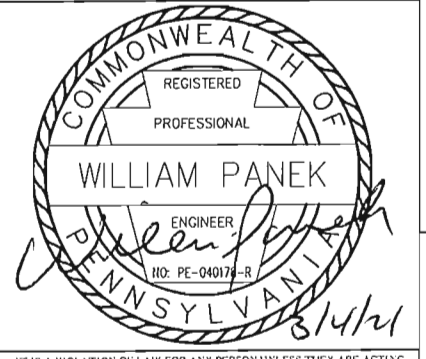
STRUCTURAL NOTE:
 A STRUCTURAL ANALYSIS SHALL BE COMPLETED PRIOR TO SUBMITTAL FOR BUILDING PERMIT. CONTRACTOR SHALL BE GIVEN THIS DOCUMENT FOR REFERENCE PRIOR TO THE START OF CONSTRUCTION.



COMPOUND PLAN



CALLED NORTH



200 NORTH WARNER ROAD
 SUITE #215
 KING OF PRUSSIA, PA 19406
 610-992-4101 (MAIN)
 610-992-4109 (FAX)



200 NORTH WARNER ROAD
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 UNIONVILLE PA
 FA# 10141548

940 UNIONVILLE WAWASET ROAD
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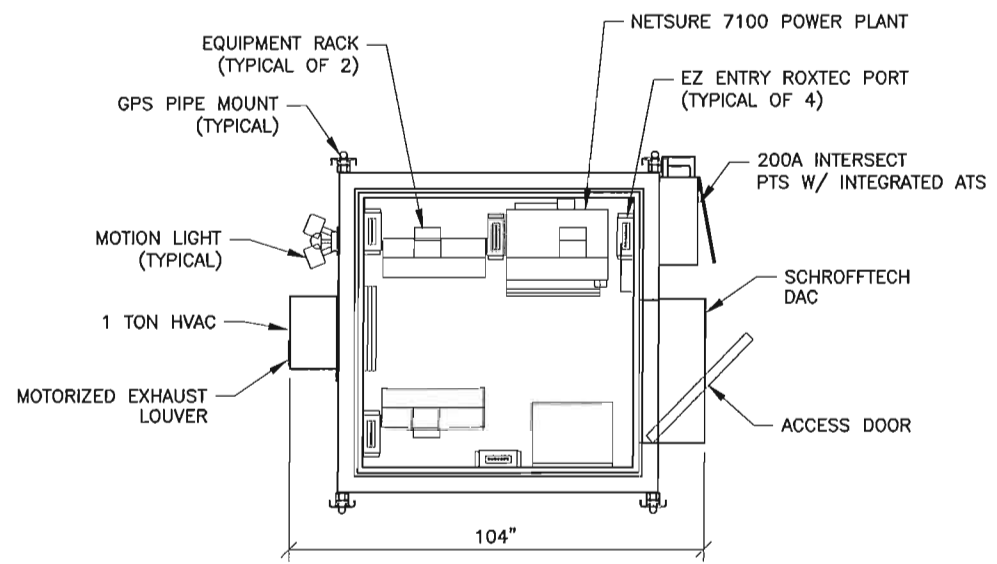
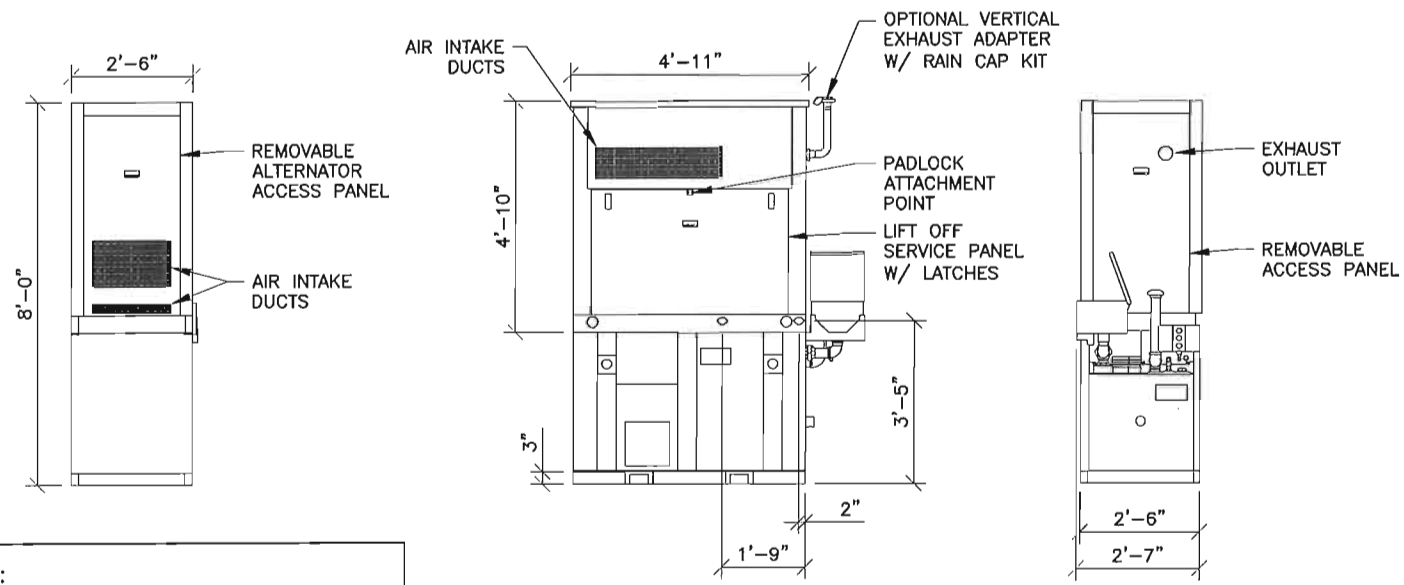
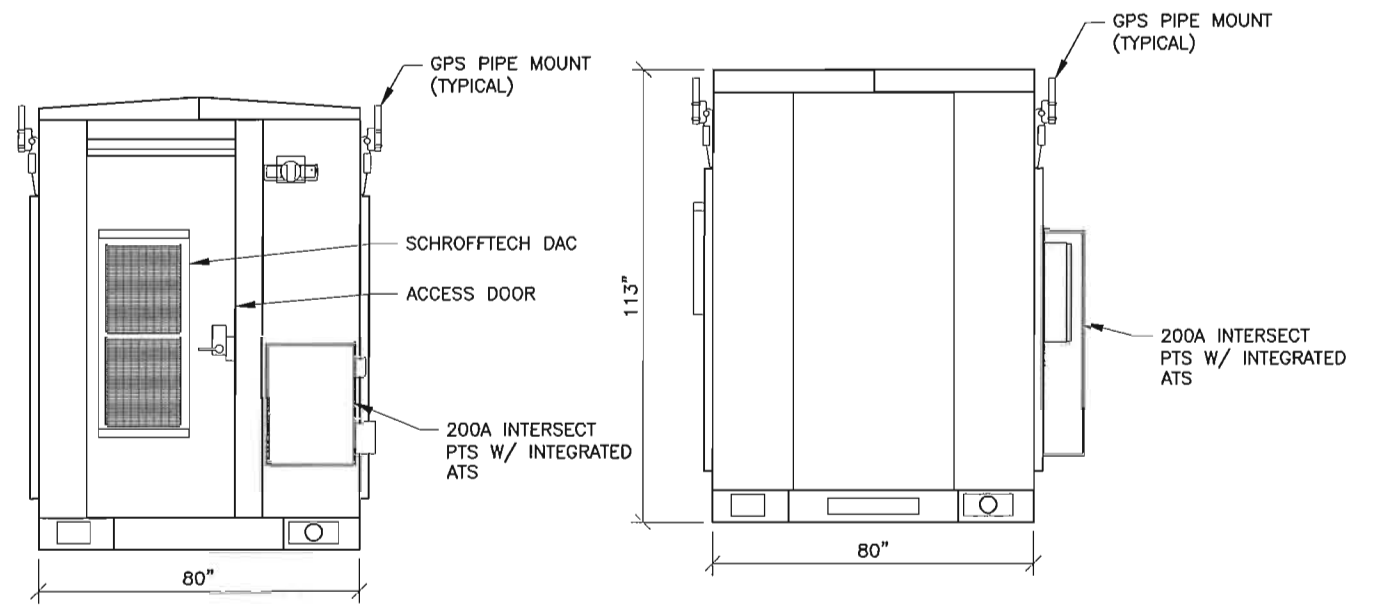
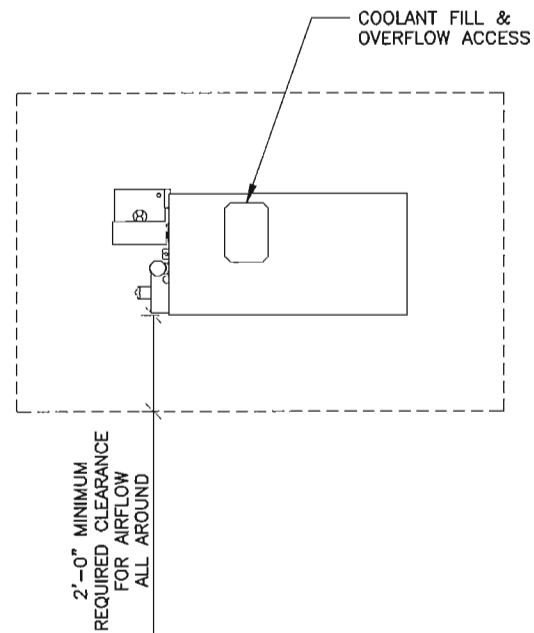
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SCALE: DESIGNED: CHECKED: -

SITE ELEVATION & COMPOUND PLAN

FA #	DRAWING NUMBER	REV
10141548	Z3	4

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NOTE:
20KW KOHLER DIESEL GENERATOR
MODEL #20RE0ZK-C W/ COMPACT
SOUND ENCLOSURE W/ 105 GAL
STATE TANK

GENERATOR
NOT TO SCALE

WALK IN CABINET
NOT TO SCALE

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
WILLIAM PANEK
NO. PE-040178-R
3/4/21

QUALTEK WIRELESS
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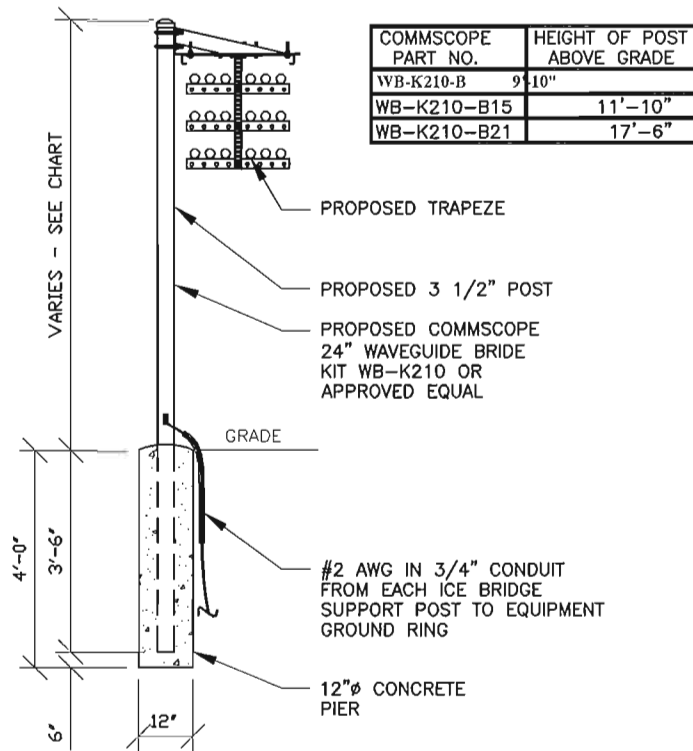
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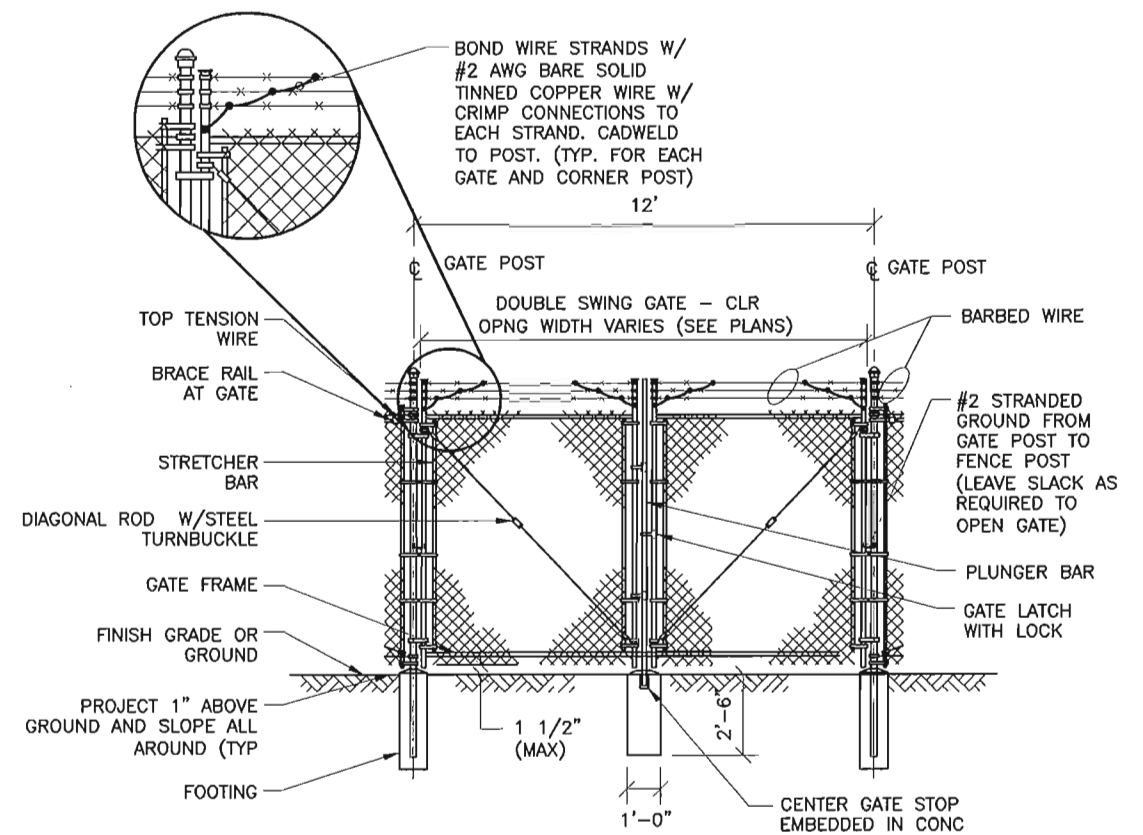
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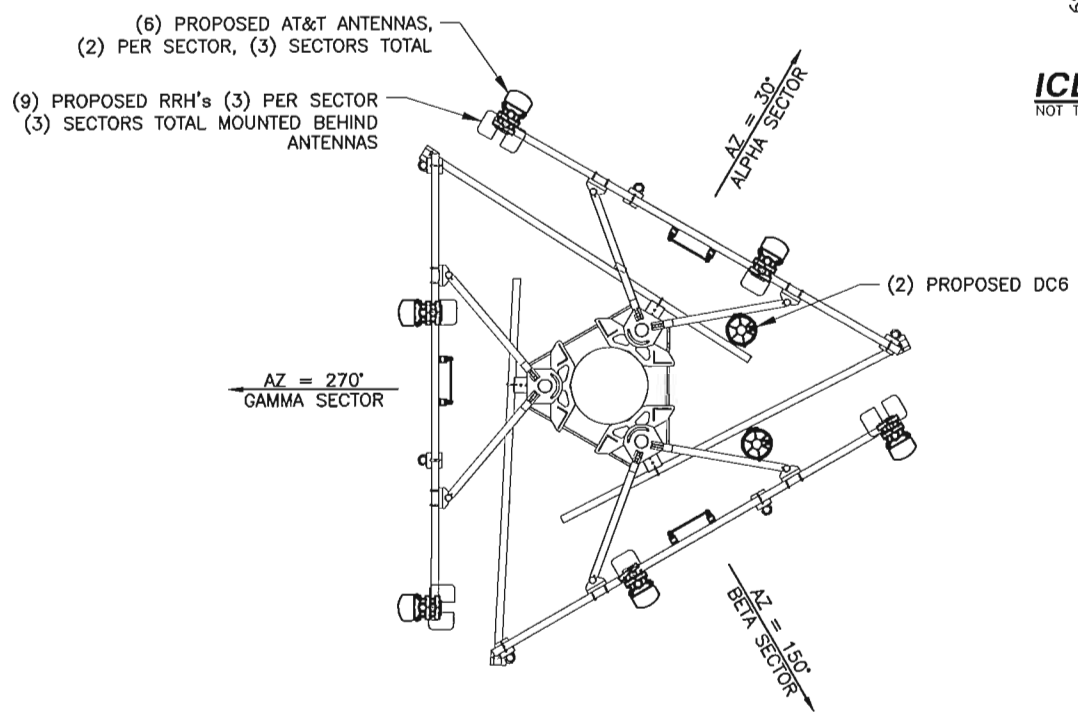
EQUIPMENT & GENERATOR ELEVATIONS & PLANS		
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10141548	Z4	4



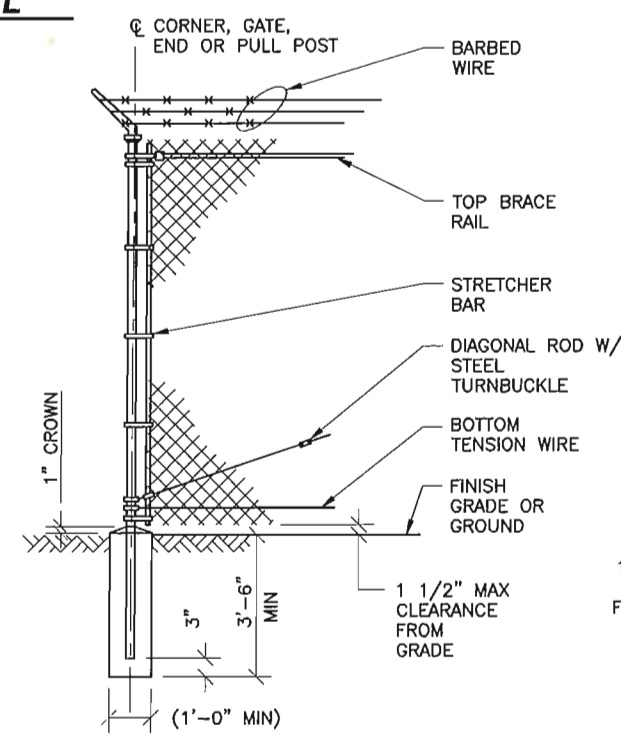
ICE BRIDGE DETAIL
NOT TO SCALE



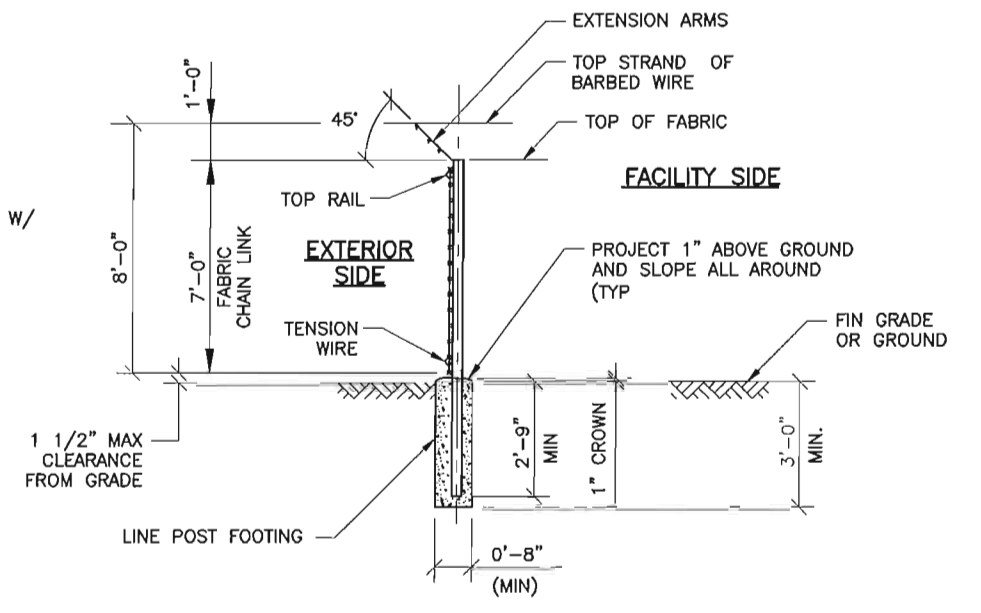
WOVEN WIRE SWING GATE, DOUBLE
NOT TO SCALE



ANTENNA ORIENTATION PLAN
NOT TO SCALE



WOVEN WIRE CORNER, GATE, END OR PULL POST
NOT TO SCALE



WOVEN WIRE FENCE DETAIL
NOT TO SCALE

CHAIN LINK FENCE DETAIL
NOT TO SCALE

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
WILLIAM PANEK
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ANTENNA, ICE BRIDGE & FENCE DETAILS

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